

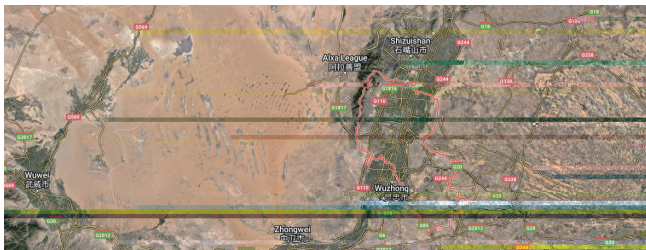
# Energy yield comparison of N-TOPCon bifacial and PERC bifacial in Yinchuan, Ningxia

An experimental study on the energy yield performance of TOPCon bifacial PV modules compared to PERC bifacial PV

G j a

modules.

energy gain of TOPCon modules is significantly higher based



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The panels are installed on adjustable mounting system with

|                            | P-type Bifacial Module           | N-type Bifacial Module |
|----------------------------|----------------------------------|------------------------|
| Module Type                | JKM540M-72HL4-BDVP               | JKM560N-72HL4-BDV      |
| No. of Modules/string      | 10 pieces                        | 10 pieces              |
| Ground condition           |                                  | Grass                  |
| Mounting                   | Fixed adjustable tilted 40°      |                        |
| Minimum standoff           | 1m(From module bottom to ground) |                        |
| Inverter                   | 20RT-20                          |                        |
| Collection Frequency       | Once a minute                    |                        |
| Generation per watt kWh/kW | baseline                         | +3.49%                 |

